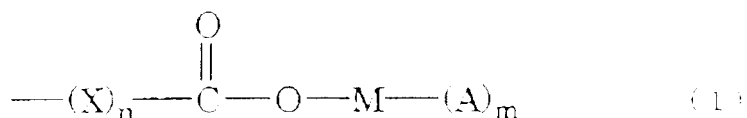


## ABSTRACT

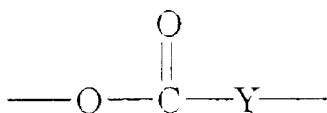
Abstract of the present invention

5 which comprises a carboxylic acid or an ester of a carboxylic acid having, in a chain, at least one of the groups, or least one group represented by the following formula (1):



wherein X represents a ring of the following:

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wherein L represents a ring; Y represents a group having a valency of 2; M represents a metal; n represents an integer equal to or greater than 1; A represents an alkyl or aryl group having a valency of 1; and m represents an integer equal to or greater than 1.

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The present invention relates to a carboxylic acid or an ester of a carboxylic acid having, in a chain, at least one of the groups, or least one group represented by the following formula (1):

wherein X represents a ring of the following: